

Safe disposal of hydrogen@-contg. gas-vapour mixt. from electrolyte - by air dilution of hydrogen@ below a specified amt., then catalytic combustion of hydrogen@ without ammonia redn

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Inventor:

Applicant:

Classification:

- International: C23F1/46; C23G1/36; C25D21/04; C25D21/16

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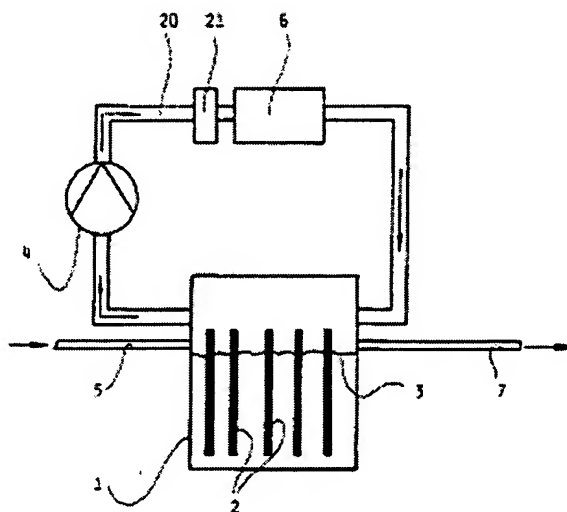
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Abstract of DE4136885

Gas-vapour mixtures generated from electrolyte process, e.g. regeneration of ammoniacal etchant, and contg. H₂, are disposed of by exhausting the mixture with a fan (4), after dilution to H₂ content below 4% by air dilution (5). The diluted mixture is circulated to a reaction vessel (6) for selective catalytic combustion of the H, without redn. of ammonia. The mixture is returned to the cell (1). **ADVANTAGE** - Safe disposal without loss of essential chemicals.



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